AEE/DSD/SBR-80/30-06-17

Original/Duplicate/Triplicate

CONTRACT CERTIFICATE

(For Other Works)

No. 1st & FINAL BILL — Date : .....

Division DD — Sub-Division

Bill Received No. 166 Dated 30/6/17 — Cash Book Voucher No. ..... Dated :.....

Scheduled Doctet No. ..... — Head of Account .....

Name of work (as per sanctioned estimate) IMPROVEMENTS TO DRAIN AT NEAR BYRAVESHWARA CIRCLE 4TH, 5TH CROSS ROADS IN BAGALAGUNTE IN WARD NO. 14 T.DASARAHALLI SUB DIVISON

Name of Contractor and Full Address THE TECHNICAL MANAGER (WEST), KRIDL

Reference to Agreement No. EE/DD/WO/ 126 / 2017-18 Date: 21.6.2017

Certified that the measurements were taken by me on 30/6/2017 and recorded in pages 180/30/to 180/28/ of measurements Book No. 180/ and that the work is satisfactorily executed.

Contractor

EXECUTIVE ENGINEER-4 KRIDL, BBMP DIVISION BENGALURU-560 010

30/6/17

Officer - in - charge of work

Certified that the measurements were checked by me on ..... and found correct. The work is satisfactorily executed.

Certified that the quantities of materials shown in column 3 of Account II have been actually brought to site of the work and the contractor has not previously received any advance on this security. These materials are of an imperishable nature and are all required for immediate use on the work in connection with items for finished work have been agreed upon. A normal agreement signed and executed by the contractor is recorded in the office.

If Memorandum of Payment

JOB CODE: 014-17-000035

Sub - Division Officer

		AMOUNT
1.	Total value of work done or supplies made as per account. 1st and finall Bill →	1988833 =00
2.	Deduct amount to be held in reserve being ..... percent Rs.	--
3.	- do - Balance	
4.	Deduct Payments :	
	a) Amount of previous payment as in the Office Cash Book Voucher No..... Dated ..... S.D. No.	
	Amount adjusted towards cash advance recovery of	
	b) Payments cost store or other materials supplied.	
5.	Balance being unpaid value of work done held in reserve	Total :
6.	Deduct cash advance made on the office Cash Book Vehicle No. ..... dated ..... less adjustments	
7.	Net amount due to or from contractor	
	Unadjusted items	
8.	Advance to contractor for materials brought to site (as detailed) within value of Government materials supplied.	
	Total amount adjusted	--

IT → 39677=00
VAT → 93537=00 + 16394=00
LWC → 19833=00
LR → 22942=00
CBF → 1984=00
Net → 1820039=00

Contractor Signature

EXECUTIVE ENGINEER-4 KRIDL, BBMP DIVISION BENGALURU-560 010

Received Rs. ..... (in words)

.....

..... by cash and by adjustment of

Payment as per memorandum.

(In final settlement of all demand)

Witness :

1.

2.

EXECUTIVE ENGINEER-4 KRIDL, BBMP DIVISION BENGALURU-560 010

Stamp

Date

Signature of Contractor

Paid by me by cheque No..... Dated .....

Cash Rs. ..... Dated .....

Initials of Officer making payment dated .....

(For use in the Office)

P-3158.

Audited and admitted for Rs. 1988833=00

Passed by Cheque for Rs. 1820039=00

(.....)

by adjustment Rs. 16394=00

Accounts Superintendent

Exe. Engineer

B.B.M.P. Dasarahalli Division

Executive Engineer

	Items of work (grouped under sub-heads the sub works of the estimate)	Unit	Previous Meas		Present Measurement			Total Up-to-date		Remarks
			Qty	Cost	Qty	Rate Rs. Ps.	Cost	Qty	Cost	
1	Removing B.S slab of Drain and stacking	Sqm	—	—	124.2	65.72	8162.42	124.2	8162.42	
2	Removing & Refixing stone slabs of drains and pointing in C.M (1:3)	Sqm	—	—	124.2	80.56	8162.42	124.2	8162.42	
3	Earthwork excavation by manual means in ordinary soil involving an average horizontal throw upto 2 metres and an average lift upto 0.5m, excavated surface levelled and sides neatly dressed, the disposed earth to be levelled neatly after breaking of clods complete as per specifications with all lead and lifts including conveying the excavated the excavated earth silt debris and over burden earth etc., to lead of 0 to 9 kms distance by using private vehicle this includs tthe cost of loaidng unloading charges etc., complee as per the direction of enginer in charges of the work.	Cum	—	—	170.0	170.92	29056.40	170.0	29056.40	
4	Providing and laying in position plain cement concrete of mix 1:4:8 with OPC cement @ 180 kgs, with 40 mm and down size graded granite metal coarse aggregates @ 0.85 cum and fine aggregates @ 0.57 cum machine mixed, concrete laid in layers not exceeding 15cms, thick, well compacted, in foundation and plinth,including cost of all materials, labour HOM of machinery curing complete as per specification	Cum	—	—	15.525	5159.02	80093.74	15.525	80093.74	
5	Providing and laying in position plain cement concrete of mix 1:2:4 with cement @ 240 kgs, with 20 mm and down size graded granite metal coarse aggregates @ 0.878 cum and fine aggregates @ 0.459 cum machine mixed, concrete laid in layers not exceeding 15cms, thick, well compacted, in foundation plinth and cills including cost of all materials, labour HOM of machinery curing complete as per specifications.	Cum	—	—	10.35	5767.46	59693.21	1035	59693.21	
6	Providing a granite slabs of selected quality roughly dressed and fixed in cement mortar (1:6) including fixing curing etc., complete for 7.5 cms thick (Page	Sqm	—	—	82.80	666.68	55118.30	82.80	55118.30	
7	Providing and construction load bearing wall with solid concrete block of Size 400x200x200mm having block density not less than 1800kg/m3 having a minimum average compressive strength of 5.00 N/mm2 confirming to IS 2185 (Part 1) : 2005 and constructed CM 1:4, as per IS 2572:2005 including cost of all materials, labour charges scaffolding, curing, hire charges of machineries etc., Complete as specification(P	Sqm	—	—	184.00	993.22	182752.48	184.0	182752.48	
8	Supplying and fixing precast reinforced conceret slabs 10cm thick of mix M20 using 20mm and sownsize graded grantite metal using reinforecement 100mm dia steel at 150mm C/C both ways cost, transportation, hire charges of machinerym machine cuttng the vertical face to get plain even surface etc., complete with all lead and lift conveyance charges, labour charges inclusive of cost of all materials	Sqm	—	—	207.00	1600	331200.00	207.0	331200.00	
9	Compaction of original ground with maximum of 6 passes of 8 to 10 tonnes power roller including filling in depression occuring during rolling including cost of all labour, HOM of machinery complete as per specifications	Cum	—	—	375.00	5.30	1987.50	375.0	1987.50	
10	KSRRB 400 Granular Sub-Base with Coarse Graded Material (table 400-2) Construction of granular sub-base by providing coarse graded material, spreading in uniform layers with mortor grader on prepared surface, mixing by mix in place method with rotavator at OMC, and compacting with vibratory roller to achieve the desired density, complete as per specifications. for coarse graded granular sub-base material as per 400-2. For Grading I Material	Cum	—	—	56.25	1518.98	85492.62	56.25	85492.62	
11	Providing, laying, spreading and compacting graded stone aggregates to wet mix macadam specification including premixing the Material with water at OMC in mechanical mix plant carriage of mixed method of tipper to site, laying in uniform layers with paver in sub-base/base course on well prepared surface and compacting with vibratory roller to achieve the desired density complete as per specifications.	Sqm	—	—	56.25	1768.08	99454.50	56.25	99454.50	
12	Providing and applying primer coat with SS bitumen emulsion on prepared surface of granular Base such as WBM, WMM including clearing of road surface and spraying primer at the rate of 0.60 kg/sqm using meachanical means complete as per specifications	Sqm	—	—	375.00	27.56	10335.00	375.0	10335.00	
13	Cleaning the existing black topped surface with brooms, soft brushes and finally dusting with old gunny bags and / or compressed air to rceive bituminous treatment including cost of all materials, labour, HOM of machineries complete as per specifications	Sqm	—	—	2500.00	3.18	7950.00	2500.00	7950.00	

14	Providing and laying bituminous macadam on prepared surface with cushed coarse aggregates as per design mix formula for base/binding course including loading of aggregates with F.E. loader, hot mixing of stone aggregates and bitumen in hot mix plant, transporting the mixed material in tipper to paver and laying mixed materials with paver finisher to the required level and grade, rolling by power roller to achieve the desired density, but excluding cost of primer / tack coat including lead, lift and cost of all materials, labour, HOM of machineries complete as per specification. MORTH Chapter 5 using 40/60 TPH capacity H.M.P. with Mechanical paver Gr-II (50mm to 75mm) with 3.3% VG-30 Bitume	Cum		—	—	18.75	5237.46	98202.37	18.75	98202.37	
15	Providing and applying tack coat using 80/100 grade bitumen (VG10) on the prepared black topped surfaces at 2.5 kg per 10 sqm heating bitumen in boiler fitted with spray set (excluding cleaning of road surface) including cost of all materials, labour, HOM of machineries complete as per specifications.	Sqm		—	—	2875.00	11.66	33522.5	2875.00	33522.5	
16	Providing and laying bituminous concrete 40mm thick with hot mix plant, using crushed aggregates of specified grading, premixed with bituminous binder and filler, transporting the hot mix to work site, laying with a paver finisher to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MORTH specification clause No.500.9 complete in all respects complete as per specifications. MORTH Specification No.509. using 100/120 TPH capacity HMP with sensor paver Gr-II (30 to 45mm) with 6% VG-30 Bitumen	Cum		—	—	100.00	7270.54	7270.54 = 100.00	7270.54		
				Total				1820030.65		1820030.00
				Add 9% KRIDL Charges				163802.75		163803.00
							Total	1983833.4		1983833.00

CERTIFICATE:

1 Work done is satisfactory

2 There are no departmental issuesmade to the contractor

3 The contractor has cleared all debrice from work spot

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ಬಾಗಲಕೋಟೆ